

Crown Jewel

Longarm Quilting Machine



FOR THE LOVE OF SEWING

Introducing the Crown Jewel

The Crown Jewel longarm machine from Baby Lock allows you to create gorgeous and intricate quilting with an astonishingly smooth stitch for the utmost creative freedom and precision. With a generous 18" throat space, you can achieve beautiful and professional-quality quilting with ease. Enjoy a wider workspace, a height of 8.25" and a speed of 1,800 spm to quickly finish quilts of any size from crib to king. The built-in Precision Stitch Regulator provides the smoothest stitching, even during pauses. Effortlessly control every aspect of your quilt with large, push button controls on the front and back handles. Baby Lock is the first home sewing machine company to bring the joy of longarm quilting directly to your home. Enjoy the satisfaction of adding the final touch with the Crown Jewel.

For the love of sewing.



18" Workspace

As a true longarm machine, the Crown Jewel's larger workspace allows you to stitch freely without worrying about limitations.



Back and Front Handles

Effortlessly control the motion of the Crown Jewel from either end of the machine that you prefer with the comfort gripped handles. Options are right at your fingertips with push button controls. Change the stitching speed, start and stop the Crown Jewel, or place the needle up or down with buttons directly built into the handles.



LCD Display

Set and easily read Stitch Control Features with the large, color LCD display on both ends of the machine. Change settings, lighting, and speed with minimal scrolling. If desired, set a preferred needle speed for the Manual Stitch Mode.



Built-In Stitch Regulator

Stitching has never been smoother than with the Crown Jewel. The Precision Stitch mode allows you to make hard pauses without interruption and regulates the selected stitch length.

The Cruise Stitch regulated mode allows the needle to immediately begin stitching at the precise speed chosen while regulating your stitch length.



Large "M" Class Bobbin

Enjoy less bobbin changes with the largest bobbins available in quilting (up to 40% more than a standard bobbin). Quilting is also more convenient with the high-speed rotary hook and a separate electric bobbin winder with variable speeds.



*This page: "Cracked Cape Cod"
Courtesy of Kay M. Capps Cross of Cross Cuts*

*Front Cover and Top of Page: "Star Quilt"
Courtesy of Judy Pratt from Creative Threads, Binghamton, N.Y.
Star Cakes Pattern by Legacy Quilt*



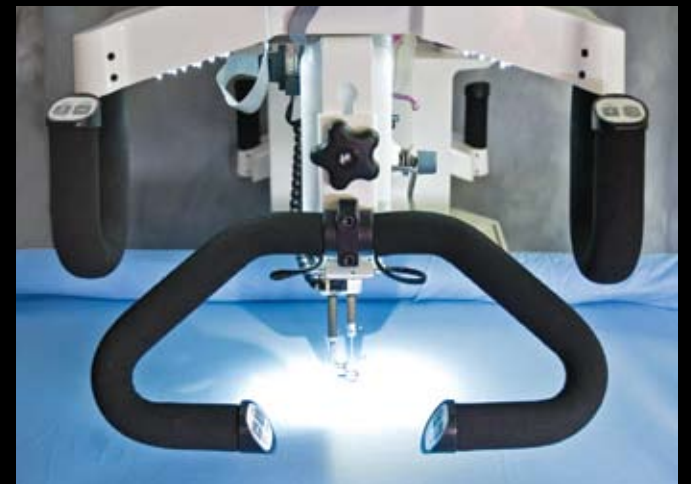
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Optional Accessories



Majestic Aluminum Frame

By pairing the Crown Jewel with a Grace quilting frame like the Majestic Frame, you can create quilts of any size – from crib to king. Simply place the Crown Jewel on the track system, add batting, backing and a top piece, and you're ready to quilt! The frame can be adjusted to different sizes, with an optional extension available for even more length. Quilt with incredible precision and ease, with room to explore all of your ideas.



Micro Handles - Item #BLJ18-MH

The Micro Handles are the perfect accessory for micro-stitching and close-up work. With fully-integrated, built-in buttons, these new comfort-grip handles allow you to work with precision and ease. They are adjustable front to back, as well as up and down, so you can place the handles as close to the needle as you wish. Plus, illuminate all of your detailed stitching with the additional LED light.

Optional Accessories



QuiltMotion Software - Item # BLJ18-QM

Take your quilting to the next level with the QuiltMotion software, designed specifically for the Baby Lock Crown Jewel. Choose, edit or even create quilt motifs on your PC, then transfer your patterns to the machine and hardware for automatic quilting with flawless placement. This is a must-have creative tool for every quilter!

- Automatically stitch to the exact dimensions of your quilt
- Adapts to block size and shape for error-proof placement, even inside asymmetrical blocks
- Use one of 300 patterns built into the program, with 100 exclusive to Baby Lock, including:
 - Traditional
 - Non-traditional
 - Geometric
 - Children's
 - Border patterns
- Digitize/create your quilt block, pantographs and borders
 - Trace
 - Paper pattern digitizing
 - Free-hand drawing and recording
 - Whole quilt designs
- Editing functions include
 - Mirror
 - Rotate
 - Flip
 - Scale
 - Stretch
 - Copy
 - Combine
- Saves patterns
- Easy, precise placement method using tools and wizards
- Flow-through quilting allows you to connect your PC to machine to transfer information in real time
- Easy-to-read LCD which guides you through any process with help menus on every screen
- Instructional tutorial DVD for software
- Powered by QuiltCAD, the most successful stitch pattern software available
- Includes
 - Software
 - LCD display on swivel mount
 - 15' USB cable
 - Housing/carriage plate

Crown Jewel Features and Specifications

- Throat Space is 18" wide work space right of needle x 8.25" high
 - Quilting space on Majestic or Pinnacle Frame is 15" maximum
 - Maximum quilt pantograph size is 12"
- Stitch Control Features for perfectly balanced stitches
 - 1/4" Hopping foot holds down the fabric while the needle completes the stitch
 - Needle bar stroke = 35.3mm
 - Hopping foot stroke/lift = 5mm
- Manual Stitch Mode allows operation at a pre-selected needle speed
- Stitch Regulator delivers a consistent stitch length, from 4 to 18 stitches per inch
 - Precision Stitch regulated mode allows for precise ruler work and tracing patterns, following your lead
 - Cruise Stitch regulated mode allows the needle to immediately begin stitching at the speed chosen
- Automatic Needle Positioning
 - Needle Up/Down
 - Full Stitch and Half Stitch – programs the needle to take a half stitch or full stitch when the needle up/down button is pressed
- Walking Stitch for tie off stitches at the beginning and end of quilting
- Maximum sewing speed of 1,800 spm
- Front and Back Handles for easy control and less fatigue
 - Provides control from either end of the machine
 - Easy to reach rubber grips for comfort
- Handle Bar Control Buttons at your fingertips
 - Needle Up/Down
 - Speed Up
 - Start/Stop
 - Speed Down
- Large, color LCD Display shows
 - Regulated or Manual Stitch Modes
 - Multiple LED lighting options
 - Needle speed
 - Alarm mode
 - Calculator
 - Program settings
 - Stitch counters
 - Diagnostics
- High speed rotary hook
- Uses 134R system, slight ball point needle
- "M" Class Bobbin
- External electric bobbin winder with variable speeds lets you wind your own "M" bobbins with personally selected thread
- Laser light stylus for ease in following pantographs from front or back of machine
- Lighting
 - Integrated high intensity natural-color LED lights on front handle bar (12 light clusters x 3 LED/cluster = 36 LED lights)
 - Ability to add up to 10 more clusters for 30 LED lights
- Can use patterns, stencils, threads, 1/4" rulers and templates that commercial quilters use

Additional Information

- Quiet, smooth operation
 - Solid cast aluminum construction
 - Internal DC motor
- Machine weight - 52 lbs.
- Made in U.S.A. of globally sourced parts
- Warranty: 10 year limited manufacturer's warranty, 2 years parts, 1 year computer, 1 year electrical, 90 days labor
- Ask your Baby Lock Retailer about machine maintenance programs

Gold Standard Comprehensive Care Program

Baby Lock offers an optional Gold Standard Support with the Crown Jewel - our comprehensive care promise that allows you to quilt with peace of mind for three years. Additionally, Baby Lock Retailers are dedicated to providing you the best one-on-one service in the industry.

Included Accessories

The Crown Jewel quilting machine will ship with your choice of carriage

- Carriage with encoders for Grace Pinnacle Frame
- Carriage with encoders for Majestic Frame
- Electronic bobbin winder with variable speed
- Laser stylus and clamp
- Other accessories
 - 5 "M" class metal bobbins
 - Thread mast and washers
 - Oiler
 - Allen wrenches
 - 2 Packs of needles (size 16 and 18)
 - Disc-shaped screwdriver
 - Instruction manual

Optional Accessories

- QuiltMotion Software - Item # BLJ18-QM
- Micro Handles - Item # BLJ18-MH
- Ruler Base - Item # BLJ18-RB
- Horizontal Spool Pin - Item # BLJ18-HS
- Cluster Light - Item # BLJ18-L
- Gold Standard - Item # BLJ18-GS
- Adapter Plate and Stylus Holder - Item # BLJ18-SA
- Pattern Boards - Item # PBXX
- Stylus - Item # BLJ18-ST
- Channel Lock - Item # BLJ18-CL
- Grace Majestic Frame - Item # GMF
- Grace Majestic Frame 2 foot extension - Item # GMF-EXT
- Grace Start Right Precision Cloth Leaders - Item # GFCL
- Grace Pinnacle Frame Only - Item # GAQF
- Grace Pinnacle 3' Foot Adapter - Item # GAQF-ADAPTER
- Grace Pinnacle Frame Shelf - Item # GAQF-S
- Bobbins - Item # BLJ-BOB
- Needles:
 - Size 16 - Item # 134FG-100
 - Size 18 - Item # 134FG-110
 - Size 20 - Item # 134FG-125

800-422-2952

www.babylock.com